
CLAIM AMENDMENTS

In the claims, please amend claims 1, 7 and 13 as follows:

- 1) (currently amended) A compound for inserting into an organism, comprising: the compound having a disulfide bond that is labile under mammalian intracellular physiologic conditions selected from the group consisting of (a) a disulfide bond that is cleaved more rapidly than oxidized glutathione and (b) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione and (c) a disulfide bond that is activated by intramolecular attack from a free thiol wherein the compound contains a transduction signal.
- 2) (original) The compound of claim 1 wherein the transduction signal consists of Tat.
- 3) (original) The compound of claim 1 wherein the transduction signal consists of VP22.
- 4) (original) The compound of claim 1 wherein the transduction signal consists of ANTP.
- 5) (original) The compound of claim 1 wherein the transduction signal consists of a polymer containing a cationic charge.
- a) 6) (original) The compound of claim 5 claim 1 wherein the transduction signal consists of a peptide containing cationic residues.
- 7) (currently amended) A process for delivering a ~~compound having a labile disulfide bond~~ molecule into a mammal, comprising:
 - a) forming ~~the a~~ a compound having a disulfide bond selected from the group consisting of (i) a disulfide bond that is cleaved more rapidly than oxidized glutathione, and (ii) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione, and (iii) a disulfide bond that is activated by intramolecular attack from a free thiol; wherein the compound is associated with the molecule;
 - b) attaching a transduction signal to the compound;
 - c) inserting the compound into the mammal; and,
 - d) releasing the bond between the sulfur atoms in the disulfide.
- 8) (original) The process of claim 7 wherein the transduction signal consists of Tat.
- 9) (original) The process of claim 7 wherein the transduction signal consists of VP22.
- 10) (original) The process of claim 7 wherein the transduction signal consists of ANTP.

11) (original) The process of claim 7 wherein the transduction signal consists of a peptide containing a cationic charge.

12) (original) The process of claim 11 wherein the transduction signal consists of a peptide containing cationic residues.

13) (currently amended) The compound of claim 1 wherein the ~~compound~~ molecule consists of nucleic acids.
